



ESGARD

PERMAGARD 211 PATCHING COMPOUND (FORMERLY ULTRAGARD 211)

DESCRIPTION	PermaGard 211 Patching Compound is a 100% solids epoxy putty for patching holes, gouges, or other surface imperfections prior to painting. PermaGard 211 is also formulated to be applied and cure underwater in both fresh and salt water.
FIELD OF APPLICATION	Wormholes, weld seams, other surface irregularities on waterlines, underwater, piping pilings, etc.

TECHNICAL DATA

TYPE	Polyamide epoxy
VOLUME SOLIDS	100%
V.O.C.	0.0 lb/gal (0.0 g/l)
DENSITY	13.9 lbs/gal (1.67 kg/l)
COVERAGE (theoretical)	1604 sq ft/gal at 1 mil dry (1 mil wet) 39.3 sq m/l at 25 microns dry (25 microns wet)
RECOMMENDED DRY FILM THICKNESS	1/8 - 1/4 inch (125 -250 mils, 3125 - 6250 microns)
DRY TIME @ 250 MILS DFT 77°F (25°C) 50% R.H. OR GREATER	Topcoat - Overnight

SURFACE PREPARATION All surfaces should be clean free of all dirt, rust, grease, oil and other surface contaminants. All surfaces should be prepared to the following norms: SSPC-10-82 near white metal blast with 2.0 - 3.0 mils (50 - 75 microns) anchor profile.

APPLICATION Mixing - Mix only when ready to apply. Mix 1:1 by volume A:B until uniform color is achieved. Apply as quickly as possible.

Application - Hand apply using form-fitting rubber gloves. For best results smear patching compound on repair area to a wet thickness of 1/8" - 1/4". Smooth out edges of repair with wet hands. Repairs at or below the splash-zone will require more patience since the water must be worked out by hand and the product worked into the anchor profile.

Manufacturers of Quality Paints and Protective Coatings
Esgard, Inc. 515 Debonnaire Road Scott, Louisiana 70583 U.S.A.
(337)234-6327 Fax (337) 234-0113 1-800-888-2511

www.esgardcoatings.com



Note: Allow to dry as specified before over-coating with recommended Esgard Coating System.

POT LIFE 1 hour at 77°F (25°C)
½ hour at 90°F (32°C)

CLEAN UP Esgard Thinner 103 or solvent suitable for cleaning epoxies. For personal cleanup, use soap and water.

APPLICATION / SERVICE LIMITATIONS (TYPICAL)	Temperature and Humidity:		
		<u>MIN</u>	<u>MAX</u>
	Application (Ambient)	45°F (7°C)	110°F (43°C)
	Application (Material)	50°F (10°C)	100°F (38°C)
	Surface	45°F (7°C)	145°F (63°C)
	Humidity	0%	95%
	Service		
	<u>Non-Immersion Dry</u>		
	Continuous	–	250°F (121°C)
	Intermittent	–	300°F (149°C)
	Storage	45°F (7°C)	110°F (43°C)

ORDERING INFORMATION

CONTACT # 1-800-888-2511

SHIPPING WEIGHT		<u>2 GAL KIT</u>	<u>5 GAL KIT</u>
	PermaGard 211	30.0 lb (14.1 kg)	150.0 lb (67.7 kg)
		<u>1 GAL</u>	<u>5 GAL</u>
	Thinner 103	8.5 lb (3.9 kg)	42.0 lb (19.0 kg)

FLASH POINT
PermaGard 211 205°F (82°C)
Thinner 103 45°F (7°C)

COLORS
Red (211 – R – 001)
Gray (211 – H – 001)
Other colors on request

SHELF LIFE Thirty – six (36) months from date of shipment.

CAUTION **FOR INDUSTRIAL USE ONLY!** Contains petroleum distillates. **DO NOT USE NEAR HEAT, SPARKS, OR FLAMES.** Close container after use.

SAFETY/FIRST AID Refer to Material Safety Data Sheet supplied with each order.

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